



Institute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/786,867
		Filing Date	March 12, 2001
		First Named Inventor	MOROZ et al.
		Group Art Unit	
		Examiner Name	
Sheet 1	of 3	Attorney Docket Number	MOROZ=3

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant/Inventor of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
my ↓	AA	4,882,270		MOROZ	11-21-1989	
	AB	4,954,434		MOROZ	09-04-1990	
	AC	5,120,640		MOROZ et al.	06-09-1992	
	AD	5,283,177		MOROZ et al.	02-01-1994	
	AE	5,571,678		MOROZ et al.	11-05-1996	

FOREIGN PATENT DOCUMENTS								
		Foreign Patent Number			Name of Patentee or Applicant/Inventor of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
Examiner Initials*	Cite No. ¹	Office ³	Number	Kind Code ⁵ (if known)				
my	AF	EP	0 426 458 A2		OKABE	05-08-1991		
d	AG	PCT	WO 89/09938		MOROZ	10-19-1989		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ²
my ↓ ↓ ↓ ↓	AH	Abstract - XP-002131126 – ANDERSON et al. "Sequence and organization of the human mitochondrial genome", <u>Nature</u> , 290:457-465 (1981)		
	AI	Abstract - XP-002131125 – ZH LIFE TECHNOLOGY KENKYUSHO "Human monocyte growth factor", page 1, line 19-25 (1995)		
	AJ	Abstract of Japan – MANABU "Recombined growth factor for human monocyte, and DNA sequence coding the same" (1995)		
	AK	XP-000877132 – FISCH et al., "Placental isoferitin as a marker of early abortion in pregnancies induced by <i>in vitro</i> fertilization", <u>Piacenta</u> , 17:247-251 (1996)		
	AL	XP-000876880 – ROSEN "Placental isoferitin-associated p43 in pregnancy and breast cancer minireview", <u>Neoplasma</u> , 43:357-362 (1996)		

Examiner Signature	<i>Misook y</i>	Date Considered	3-31-06
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



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317	AM	XP-000877134 - "Placental isoferritin: a new biomarker from conception to delivery", <u>British Journal of Obstetrics and Gynaecology</u> , 103:301-305 (1996)	
	AN	XP-000876882 - YANIV et al., "p43, a new placental isoferritin subunit, is a growth factor for granulocyte-monocyte progenitor cells", page 272	
	AM	XP-002131123 - MOROZ et al., "T-cell mitogenesis stimulates the synthesis of a mRNA species coding for a 43-kDa peptide reactive with CM-H-9, a monoclonal antibody specific for placental isoferritin", <u>Proc. Natl. Acad. Sci. USA</u> , 86:3282-3285 (1989)	
	AO	XP-000876978 - GARTY et al., "High serum levels of placental isoferritin p43 component in down syndrome", <u>Human Sciences Press, Inc.</u> , 39-41 (1998)	
	AP	XP-000876881- HIGGY et al., "Differential expression of human ferritin H chain gene in immortal human breast epithelial MCF-10F cells", <u>Molecular Carcinogenesis</u> , 20:332-339 (1997)	
	AQ	XP-000876843 - BOYD et al., "Structural and functional relationships of human ferritin H and L chains deduced from cDNA clones", <u>The Journal of Biological Chemistry</u> , 260:11755-11761 (1985)	
	AR	FERGUSON et al., "Comparison of a novel assay for breast cancer mucin to CA15-3 and carcinoembryonic antigen", <u>Journal of Clinical Oncology</u> , 10:1057-1065 (1992)	
	AS	WERNER et al., "Clinical utility and validation of emerging biochemical markers for mammary adenocarcinoma", <u>Clinical Chemistry</u> , 39:11(B)2386-2396 (1993)	
	AT	JONES et al., "An Immunoradiometric assay for the acidic ferritin of human heart: application to human tissues, cells and serum", <u>Clinica Chimica Acta</u> , 85:81-88 (1978)	
	AU	GIANNOULIS et al., "Diagnostic value of serum ferritin in primary hepatocellular carcinoma", <u>Digestion</u> , 30:236-241 (1984)	
	AV	FINE et al., "Ferritinaemia in cancer", <u>Nature</u> , 265:755-756 (1977)	
	AW	COVELL et al., "Isoferritins in plasma", 49-65 (1984)	
	AX	DRYSDALE "Ferritin phenotypes: structure and metabolism", 41-67	
	AY	BROWN et al., "Characterization and localization of human placental ferritin", 182:763-769 (1979)	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3

of 3

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zy ↓	AZ	PARHAMI-SEREN et al., "A unique subunit structure of human placenta ferritin identified by the use of monoclonal antibodies", <u>G. I. Pat. Clin.</u> , 1:17-23 (1986)	
	BA	AROSIO et al., "On ferritin heterogeneity further evidence for heteropolymers", <u>The Journal of biological Chemistry</u> , 253:4451-4458 (1978)	
	BB	DRYSDALE et al., "Carcinofetal human isoferritins in placenta and HeLa cells", <u>Cancer Research</u> , 34:3352-3354 (1974)	
	BC	MATZNER et al., "Serum ferritin in hematologic malignancies", <u>American Journal of Hematology</u> , 9:13-22 (1980)	
	BD	BEZWODA et al., "Serum ferritin and Hodgkin's disease", <u>Scand J Haematol.</u> , 35:505-510 (1985)	
	BE	CRAGG et al., "Isoferritins in acute leukaemia", <u>Br. J. Cancer</u> , 35:635-642 (1977)	
	BF	HALLIDAY et al., "Isoferritin composition of tissues and serum in human cancer", <u>Cancer Research</u> , 36:4486-4490 (1976)	
	BG	JONES et al., "Serum ferritin in patients with cancer: determinatin with antibodies to HeLa cell and spleen ferritin", <u>Clinica Chimica Acta</u> , 106:203-214 (1980)	
	BH	DALY et al., "Comparison of a novel assay for breast cancer mucin to CA15-3 and carcinoembryonic antigen", <u>Journal of Clinical Oncology</u> , 10:1057-1065 (1992)	
	BI	DEMERS et al., "CA-549: A new tumor marker for patients with advanced breast cancer", <u>Journal of Clinical Laboratory Analysis</u> , 2:168-173 (1988)	
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